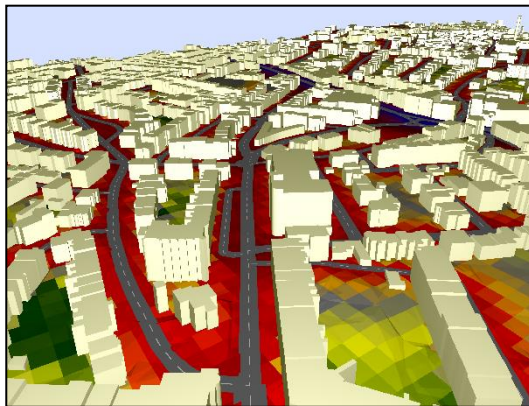


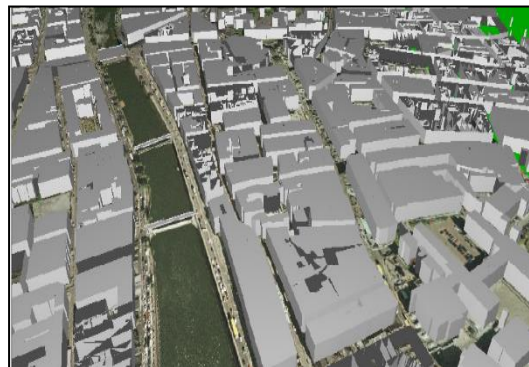
## Dublin LUAS Line BX-D Tramline Extension



ACCON UK Limited were awarded a major commission by the Rail Procurement Agency in Ireland to provide the noise, vibration and air quality input for the proposed BX-D Luas tram line in Dublin. The proposed line would run from St Stephen's Green through Dublin City Centre and out to Broombridge.



This was a major project commission for ACCON UK to deliver the noise, vibration and air quality assessments and associated chapters for the Environmental Statement. We were able to utilise the extensive knowledge of the whole project team both in respect of rail noise and large scale modelling. The project included extensive noise and air quality modelling for both road traffic and rail. The software allowed us to run the noise and air pollution concentration modelling within the same model for the greater part of Dublin City Centre where it was affected by the tram proposals. We therefore provide major efficiencies on the modelling side and also tested the impacts of various intervention strategies in a timely and cost efficient manner. The project deliverables also included a wide ranging and detailed noise and vibration monitoring study.



The study required stakeholder meetings with Dublin City Council to exchange information and agree modelling approaches.

As part of the commission we liaised extensively with the transportation consultants and carried out a review of the transportation assessment and traffic modelling in order to derive appropriate inputs for our noise and air quality models.

Our involvement in the project culminated with Graham Parry (ACCON UK Managing Director) preparing noise and vibration evidence for the Oral Hearing.

[www.accon-uk.com](http://www.accon-uk.com)

**Contact: Christine Park**  
**0118 971 0000**